

AEMT Bridge	Approximate Lecture Times *	Times per Section
Module 1: Preparatory		5
Introduction, Policy & Procedures; <i>Intro to AEMT, EMS Systems, Public Health</i> , and Research, Workplace Safety & Wellness	3	
Ethics and Medical/Legal, Ambulance Operations & Response, <i>Therapeutic Communications and Documentation</i>	3	
Module 2: Anatomy, Physiology, Pathophysiology		24
Medical Terminology, Chemical & cellular basis of life, cell membrane, Tissues, Regional anatomy	8	
Systems: skeletal, muscular, integumentary, <i>respiratory anatomy &amp; physiology, cardiac anatomy &amp; physiology</i> , nervous, endocrine, gastrointestinal	8	
Systems: , urinary, reproductive; Life Span Development & Cultural Considerations; Pathophysiology: <i>hypoxic cellular injury, glucose use, acid-base &amp; electrolyte disturbances</i>	8	
Module 3: Pharmacology		24
Principles of Pharmacology: Profiles, <i>Legislation, Safety and Regulation, Special Considerations, Naming, Classification, Absorption, Distribution, Elimination</i> ; Medical Math: Drug dose & drip calculations	8	
<i>Autonomic pharmacology, Mechanism of action, Medication response relationships, Medication interactions, Toxicity; Medication Administration: Routes, techniques</i> , Peripheral IV <i>and IO access; SKILLS</i>	8	
<i>Emergency medications for AEMT and their names, actions, indications, contraindications, complications, routes of administration, side effect, interactions, dosages</i>	8	
Module 4: Assessment & Initial Management		10
<i>Primary pt assessment</i> , Clinical reasoning, <i>Vitals &amp; monitoring devices</i> , History, <i>secondary assessment</i> & reassessment	4	
<i>Airway assessment and management, pathophysiology of respiration, Resuscitation: Managing Shock &amp; cardiac arrest</i>	6	
Module 5: Medical		18
<i>Respiratory disorders and management, cardiovascular disorders and management, Neurology</i>	6	
<i>Endocrine</i> , Abdominal/Gastrointestinal, <i>Renal, Genitourinary</i> , Gynecology, Hematology, Immunology	6	
<i>Infectious Disease, Non-Traumatic musculoskeletal disorders, Disorders of EENT, Psychiatric, Toxicology</i>	6	
Module 6: Trauma, Shock , and Resuscitation		10
Trauma systems & overview, MOI & assessment, <i>Soft-tissue injury, Bleeding, Musculoskeletal, Head, brain, face &amp; neck trauma</i>	6	
<i>Thoracic, Abdominal/GU trauma, Neuro trauma</i> , Environmental emergencies, <i>special considerations in trauma, multi-system trauma</i>	4	
Module 7: Special Patient Populations & Operations		8
Obstetrics, neonatal care, pediatrics, <i>geriatrics, patients with special challenges</i>	6	
Ground vehicle operations, incident management, HazMat, Air Medical, Vehicle extrication, MCI and Terrorism	2	
Total	100	
*All Times are indicated in hours		